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|   |                        |                 |
|---|------------------------|-----------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i> | Attorney Docket No.    | 674580-2008     |
|   | First Inventor         | APARICIO ET AL. |
|   | Title                  | RECEPTOR        |
|   | Express Mail Label No. | EV 468992680 US |

16018 U.S. PTO  
10/826572

041604

|   |  |
|---|--|
| <b>APPLICATION ELEMENTS</b><br><br>See MPEP chapter 600 concerning utility patent application contents. | <b>Addressed to: Mail Stop Patent Application<br/>Commissioner for Patents<br/>P.O. Box 1450<br/>Alexandria, VA 22313-1450</b> |
|---|--|

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 147]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix.
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 3]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - a. ☐ Computer Readable Form (CFR)
  - b. Specification sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
*(when there is an assignee)*
- ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach from PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: PCT/GB02/04725, FILED  
OCTOBER 21, 2002  
Prior application information: Examiner: -- Group/Art Unit:

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |   |                                   |                |          |  |
|---|---|-----------------------------------|----------------|----------|--|
| <input checked="" type="checkbox"/> Customer Number | <u>20999</u>                                  |                                   |                |          | or <input type="checkbox"/> Correspondence address below |
| Name  | Thomas J. Kowalski, Esq.                      |                                   |                |          |  |
| Address   | Frommer Lawrence & Haug LLP, 745 Fifth Avenue |                                   |                |          |  |
| City  | 745 Fifth Avenue                              | State                             | New York       | Zip Code | 10151  |
| Country   |   | Telephone                         |                | Fax      |  |
| Name (Print/Type)                                   | Thomas J. Kowalski                            | Registration No. (Attorney/Agent) | 32,147         |          |  |
| Signature   | <i>Thomas J. Kowalski</i>                     | Date                              | April 16, 2004 |          |  |



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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

## Complete if Known

|                      |                 |
|----------------------|-----------------|
| Application Number   |                 |
| Filing Date          | Herewith        |
| First Named Inventor | APARICIO ET AL. |
| Examiner Name        |                 |
| Attorney Docket No.  | 674580-2008     |

|                         |              |
|-------------------------|--------------|
| TOTAL AMOUNT OF PAYMENT | (\$2,660.00) |
|-------------------------|--------------|

## METHOD OF PAYMENT (check all that apply)

☒ Check    ☐ Credit Card    ☐ Money Order    ☐ Other    ☐ None

### Deposit Account:

 Deposit  
Account  
Number  
  
 Deposit  
Account  
Name

50-0320

Frommer Lawrence &amp; Haug LLP

### The Commissioner is authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below    ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |        | Small Entity |        | Fee Description        | Fee Paid    |
|--------------|--------|--------------|--------|------------------------|-------------|
| Code         | Fee \$ | Code         | Fee \$ |                        |             |
| 1001         | 770    | 2001         | 385    | Utility filing fee     | \$770.00    |
| 1002         | 340    | 2002         | 170    | Design filing fee      |             |
| 1003         | 530    | 2003         | 265    | Plant filing fee       |             |
| 1004         | 770    | 2004         | 385    | Reissue filing fee     |             |
| 1005         | 160    | 2005         | 80     | Provisional filing fee |             |
| SUBTOTAL (1) |        |              |        |                        | (\$ 770.00) |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 83                 | 20** = 63    | \$18.00        | 1,134.00 |
| Independent Claims | 3** = 9      | \$84.00        | 756.00   |
| Multiple Dependent |              |                |          |

| Large Entity |        | Small Entity |        | Fee Description  | Fee Paid      |
|--------------|--------|--------------|--------|--|---------------|
| Code         | Fee \$ | Code         | Fee \$ |  |               |
| 1202         | 18     | 2202         | 9      | Claims in excess of 20                                     |               |
| 1201         | 86     | 2201         | 43     | Independent claims in excess of 3                          |               |
| 1203         | 290    | 2203         | 145    | Multiple dependent claim, if not paid                      |               |
| 1204         | 86     | 2204         | 43     | ** Reissue independent claims over original patent         |               |
| 1205         | 18     | 2205         | 9      | ** Reissue claims in excess of 20 and over original patent |               |
| SUBTOTAL (2) |        |              |        |  | (\$ 1,890.00) |

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity        |        | Small Entity |        | Fee Description  | Fee Paid |
|---------------------|--------|--------------|--------|--|----------|
| Code                | Fee \$ | Code         | Fee \$ |  |          |
| 1051                | 130    | 2051         | 65     | Surcharge - late filing fee or oath  |          |
| 1052                | 50     | 2052         | 25     | Surcharge - late provisional filing fee or Cover sheet                     |          |
| 1053                | 130    | 1053         | 130    | Non-English specification  |          |
| 1812                | 2,520  | 1812         | 2,520  | For filing a request for ex parte reexamination                            |          |
| 1804                | 920*   | 1804         | 920*   | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                | 1,840* | 1805         | 1,840* | Requesting publication of SIR after Examiner action                        |          |
| 1251                | 110    | 2251         | 55     | Extension for reply within first month                                     |          |
| 1252                | 420    | 2252         | 210    | Extension for reply within second month                                    |          |
| 1253                | 950    | 2253         | 475    | Extension for reply within third month                                     |          |
| 1254                | 1480   | 2254         | 740    | Extension for reply within fourth month                                    |          |
| 1255                | 2010   | 2255         | 1005   | Extension for reply within fifth month                                     |          |
| 1401                | 330    | 2401         | 165    | Notice of Appeal   |          |
| 1402                | 330    | 2402         | 165    | Filing a brief in support of an appeal                                     |          |
| 1403                | 290    | 2403         | 145    | Request for oral hearing   |          |
| 1451                | 1,510  | 1451         | 1,510  | Petition to institute a public use proceeding                              |          |
| 1452                | 110    | 2452         | 55     | Petition to revive - unavoidable   |          |
| 1453                | 1330   | 2453         | 665    | Petition to revive- unintentional  |          |
| 1501                | 1330   | 2501         | 665    | Utility issue fee (or reissue)   |          |
| 1502                | 480    | 2502         | 240    | Design issue fee   |          |
| 1503                | 640    | 2503         | 320    | Plant issue fee  |          |
| 1460                | 130    | 1460         | 130    | Petitions to the Commissioner  |          |
| 1807                | 50     | 1807         | 50     | Processing fee under 37 CFR 1.17(q)  |          |
| 1806                | 180    | 1806         | 180    | Submission of Information Disclosure Stmt                                  |          |
| 8021                | 40     | 8021         | 40     | Recording each patent assignment per property (times number of properties) |          |
| 1809                | 770    | 2809         | 385    | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810                | 770    | 2810         | 385    | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801                | 770    | 2801         | 385    | Request for continued examination (RCE)                                    |          |
| 1802                | 900    | 1802         | 900    | Request for expedited examination of a design application                  |          |
| Other fee (specify) |        |              |        |  |          |
| SUBTOTAL (3)        |        |              |        |  | (\$ )    |

\* Reduced by Basic Filing Fee

## SUBMITTED BY

## Complete (if applicable)

|                   |                           |                  |        |           |                |
|-------------------|---------------------------|------------------|--------|-----------|----------------|
| Name (Print/Type) | Thomas J. Kowalski, Esq.  | Registration No. | 32,147 | Telephone |                |
| Signature         | <i>Thomas J. Kowalski</i> | (Attorney/Agent) |        | Date      | April 16, 2004 |

WARNING: Information on this form may become public. credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggesting or reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AFCommissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION**

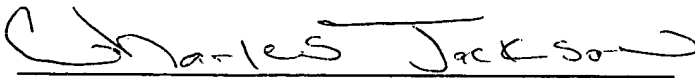
**Attorney Docket No.:** 674580-2008  
**Title :** RECEPTOR  
**Filed :** Herewith  
**Applicants :** Samuel APARICIO, et al.

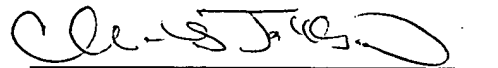
**Mailed: April 16, 2004** via "Express Mail Label # EV 468992680 US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

**MAIL STOP PATENT APPLICATION  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**Enclosed:** Transmittal Letter  
Fee Transmittal  
Application for Patent  
(108 pages of specification, 14 pages of Sequence Listing, 38 pages of claims, numbered 1-83, 1 page of abstract, numbered 147)  
Drawings (6 sheets, Figures 1-5)  
PCT/RO/101, PCT/ISA/210, PCT/IPEA/401, 408, 416 and PCT/IB/306  
Declaration for Patent Application and Power of Attorney (unsigned)  
Information Disclosure Statement, PTO Form 1449, and cited references  
Check in the amount of \$2,660.00  
Return Receipt Postcard

  
(Type/printed name of person mailing paper or fee)

  
Signature